

SKÓROWICKA - DRAFTED, APPROVED

Reaction of cyanoguanidine with aromatic amines. II.
Formation of 1-amidino-3-(*p*-nitrophenyl- and *p*-carboxyphenyl)urea. Tadeusz Urbanski, Barbara Skowrońska-Serlin, and Halina Dubrowska (Inst. Technol. and Tuberculosis, Warsaw). Roczniki Chem. 27, 68-72 (1953) English summary 72-3; cf. C.A. 47, 7507h.—On boiling with 22% HCl instead of 12%, *p*-O₂N₂C₆H₄NHCONHC(NH)NH₂ (I), m. 231-2°, bacteriostatic against saprophytic mycobacteria *in vitro*, instead of the known *p*-nitrophenylguanide (II). I can also be obtained from II by boiling the latter with 22% HCl. When boiled with aniline, I yields *p*-nitrocarbanilide (III), the mechanism probably consisting of formation of guanidine-HCl and PhNCO, which reacts further with PhNH₂ to form III, and which furnishes proof of the structure of I. A similar reaction was observed when *p*-H₂NCH₂CO₂H was boiled with cyanoguanidine and HCl, with formation of 2 new compds., *p*-(carboxyphenyl)-guanide (IV), m. 256-7°, and *p*-HO₂CC₆H₄NHCONHC(NH)NH₂ (V), m. 198-200°. A higher HCl concn. and prolonged heating favored the formation of V. Boiled with HCl (1:1), IV also gave the V.HCl. V was obtained in 80% yield with 4% H₂SO₄. V boiled with PhNH₂ decomd. to CO(NHPh)₂, guanidine, and CO₂. C. F. H.

SKOWRONSKA-SERAFINOWA) BARBRA

Reactions of cyanoguanidine with aromatic compounds. III.
2,4-Dihydroxy-7-nitroquinazoline from 4-nitroanthranilic acid and cyanoguanidine. Tadeusz Urbanski, Barbara Skowronska-Serafinowa and Jadwiga Gacawka ("Instytut Technol. Tuberkulosisz" Warsaw). Roczniki Chem. 27, 107-9 (1953)(English summary); cf. C.A. 48, 13647d.—When heated with HCl, 4-nitroanthranilic acid and cyanoguanidine yield 2,4-dihydroxy-7-nitroquinazoline (I), tautomeric with 2,4-dioxo-7-nitrotetrahydroquinazoline. I has been prep'd. in another way by Huntress and Gladling (C.A. 37, 6504).

Clayton F. Holoway

SKOWRONSKA-SPPAFIN, B.

Bulletin - Vol. 2, no. 9, 1954.

Reactions of aromatic amines with cyanoguanidine; formation of derivatives of amidineurea and their reaction with aniline. In English. p. 453.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, no. 9, Sept. 1955
Uncl.

SKOWRONSKA-SERAFINOWA, B.

3652

547.551.43 : 547.405.9

Urbański T., Skowrońska-Serafinowa B., Dąbrowska H. Reactions of Cyanguanidine with Aromatic Amines. Preparation of New Derivatives of Amidine-Phenyl-Urea, their Transformation into Diphenyl Urea Derivatives.

"Reakcje cyjanoguanidiny z aminami aromatycznymi. Otrzymywanie nowych pochodnych amidyno-fenylo-mocznika i przekształcenie ich w pochodne dwufenylo-mocznika". Roczniki Chemii (PAN). No. 3, 1954, pp. 423-437.

Continuing the work on the reactions of aromatic amines with cyanguanidine in the presence of hydrochloric acid, a number of new derivatives of amidine-phenyl-urea were obtained, corresponding to the general formula: $X.C_6H_4NH-CO-NH-C(NH)-NH_2$. It was found that boiling the amidine-urea derivatives in aniline led to the splitting of these compounds and the formation of various diphenyl-urea derivatives. A hypothesis is advanced for a chain reaction mechanism.

CH

(2)

SKOWRONSKA-SERAFINOWA, BARBARA

✓ Chemistry and biochemistry of branched fatty acids. II.
Biological action of branched acids. Grzegorz Itagazarian
and Barbara Skowrońska-Serafinowa (Inst. Gruźlicki, War-
saw). "Wiadomości Chemiczne" 8, 29-37 (1954); cf. C.A. 47,
12233a.—Antibacterial action of branched acids and their
action on tissues is reviewed. 15 references. A.S.

Skowroniska-Serafinowa, B.

V Reactions of aromatic amines with cyanoguanidine. Formation of derivatives of amidinourea and their reaction with aniline. T. Urbaniski, B. Skowroniska-Serafinowa, and J. Dabrowska. *Bull. Acad. Polon. Sci., Class. III*, 2, 453-4 (1954); cf. *C.A.*, 49, 869. — The following 3,4-XC₆H₄NHCONHC(:NH)NH₂ were prep'd. (X, Y, and m.p. given): Cl, H, 143-4° (I); Br, H, 172-3° (II); NH₂, H, (HCl salt, m. 300°) (III); SO₃H, H, 267-9° (IV); SO₃NH₂, H, 212-13° (V); II, OH, -- (sulfate, m. 220-2°) (VI). The compds. were made by boiling the corresponding amines with cyanoguanidine in the presence of HCl. V was formed from sulfanilamide-HCl in aq. medium without added HCl. The reaction with aniline is exemplified by: *p*-XC₆H₄NHCONHC(:NH)NH₂ + PhNH₂ → *p*-XC₆H₄NHCONHPh (VII) + (H₂N₂C₆NH₂)₂; VII + PhNH₂ → (PhNH)₂CO + *p*-XC₆H₄NH₂. I-VI were tested against *Mycobacteria* for bacteriostatic action with inhibiting concns. varying from 1-125 mg.-%, depending upon the deriv. used and the strain of organism. Howard Nechamkin

URBANSKI, Tadeusz; MALINOWSKI, Stanislaw; SKOWROWSKA-SKRAFINOWA, Barbara;
CHECHELSKA, Bozenna; DABROWSKA, Halina; VALECKI, Jerzy; GURNE,
Daniela; HALSKI, Leszek; SLOPEK, Stefan; KAMIEŃSKA, Irena;
VENULET, Jan; JAKIMOWSKA, Krystyna; URBANSKA, Alicja

Search for new antituberculous agents. Gruzlica 22 no.10:681-690
Oct 54.

1. Z Oddzialu Syntezy Lekow Instytutu Gruzlicy; kierownik prof. dr.
T.Urbanski, dyrektor: prof. dr. J.Misiewicz.
(CHEMOTHERAPY, in various diseases
tuberc., progr.)
(TUBERCULOSIS, therapy
antituberc. agents, research)

✓ Reactions of cyanoguanidine with aromatic amines. V.
Preparation of new derivatives of 1-phenyl-3-amidinotetra-
a their transformation into diaryl urea derivatives. Tadeusz
Urbanowski, Barbara Skowronska-Serafinowa, and Halina
Dabrowska (Inst. Technol., Warsaw). Roczniki Chem.
28, 423-37 (1954) (English summary); cf. C.A. 49, 860f.—
The following p -RC₆H₄NHCONHC(NH)₂:NH were ob-
tained: R = Cl (I), m. 143-4°; R = SO₃H (II), m. 267-8°;
R = NH₂ (III), m. > 300° (hydrochloride). Boiling of I
with PhNH₂ gives α -ClC₆H₄NHCONHC₆H₅, but on pro-
longed boiling I yields α , β -dichlorocarbanilide. The cor-
responding unsym. carbanilides from II and III could not
be obtained. I shows a strong bacteriostatic action against
saprophytic mycobacteria. R. Dowbenko

(2) MGI

SKOWRONSKA, BARBARA

✓ Chemical constitution and biological activity. Barbara Skowrońska-Serafinowa and Jan Venulet (Higher Polytech. School, Warsaw). *Wiedomosci Chem.* 9, 667-613(1955).—
A review on barbiturates, curare-like drugs, and anti-histamines. 30 references. Adam Sporzyński

SHOYAKUHA-SEAFINUMI, B.

Studies of pyridine compounds. V. The reaction of 2-aminopyridine with formaldehyde. p. 361.
ROZENSKI GRALI, Maruzza, Vol. 29, no. 2/3, 1955.

SO: Monthly List of East European Accessions, (SULL), 1C, Vol. 4, no. 10, Oct. 1955,
"Incl."

URBANSKI, IZMIRSKI, E.

Urbanski, I. Aliphatic nitrocompounds. AZW. Action of nitroparaffins on re-action between 2-amino-pyridine and formaldehyde. p. 367.
ROZKUCHI CIA I, Warszawa, Vol. 29, no. 2/3, 1955.

SO: Monthly List of East European Accessions, (EEL), L, Vol. 4, no. 10, Oct. 1955,
Incl.

SYNTHETIC POLY(URIDYLIC ACID).

Pytlanski, T.; Zabrowski, H. Reactions of cyanoimidine with aromatic amines.
VI. Some new derivatives of imidine-phenyl-uracil and their reactions with aniline.
p. 450.
POLISH JOURNAL OF CHEMISTRY, Warsaw, Vol. 39, no. 2/3, 1955.

3. Monthly List of East European Acquisitions, (MAIL), IE, Vol. 4, no. 10, Oct. 1955,
U.S. Sci. & Tech. Inf. Serv.

Skowrońska. See classified Bokszka

✓ Some heterocyclic derivatives of methylenediamine.
Barbara Skowrońska-Serafinowa (Inst. Technol., Warsaw).
Kozlowski Chem. 29, 932-3 (1955) (English summary).
The following *N,N'*-disubstituted derivs. (I) of $\text{CH}_2(\text{NH}_2)_2$
were prep'd. by stirring 1 mole HCHO with 2 moles of the
corresponding amine in H_2O (substituent and m.p. of I given):
- 2-pyridyl, 130-1° (from EtOH); 2-thiazolyl, 164-5° (from
EtOH); 2-pyrimidyl, 180-2° (from EtOH); 3-methyl-2-
pyridyl, 94-6° (from EtOH). P. Dreyfus

CH

PM

SKOWROŃSKA-SERAFIN, B.; URBANSKI, T.

Reactions of aromatic amines with cyanoanidine. Reactions of phenylamidineurea and their derivatives with N-methylaniline. In English. p. 363. (Matematyka, Vol. 4, No. 6, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SKOWRONSKA - SERAFINOWSKA, B.

Reactions of aromatic ureas with cyclic guanidino. Reactions of phenylurea and derivatives with 2-aminopyridine. I. W. Laski and E. Skowroncka
*(Inst. Technol., Warsaw). Bull. Acad. Polon. Sci., Class.
3, 4, 361-2 (1956) (in English); cf. C.A. 50, 210k — Reac-
tions of N^1 -phenyl- N^2 -amidourrea (I) and N^1 (p -nitro-
phenyl)- N^2 -amidourrea (II) with 2-aminopyridine (III)
were investigated. I-HNO₃ with III gave 59% phenyl-2-
pyridylurea (IV). II-HCl gave at first 60% p -nitro-phenyl-
2-pyridylurea (V). The final products were *sym*-dipyridyl-
urea (VI) and p -nitroaniline (VII). II (1 g.) mixed with 2
g. fused III and gently warmed 1-2 min., after cooling,
pptd. 0.6 g. V, colorless needles, melted at 242° (sublimed
at 217° as yellow needles) (from BuOH); picroate, decomp.
197-9° (from alc.). Z. Kuryka*

SKOWRONSKA-SERAFINOWA, B

Reactions of aromatic amines with cyanoguanidine. Reactions of phenylamidourea and derivatives with *N*-methylaniline. T. Urbanski and B. Skowrońska-Serafinowa (Inst. Technol., Warsaw). *Bull. acad. polon. sci., Clasice* 3, 4, 303-4(1956)(in English); cf. *C.A.* 50, 210k.—The reactions of *N*¹-phenyl-*N*⁴-amidourea (I) and *N*¹(*p*-nitrophenyl)-*N*²-amidoureas (II) with *N*-methylaniline (III) are described. IHN_3 with III gave guanidine and 65% *N*-methylcarbanilide (IV). The yield of I is reduced by longer boiling; from the reaction mixt., carbanilide (V) and PhNH_2 (VI) can be isolated. IHN_3 (3 g.) mixed with 8 ml. III and heated in open flask to obtain a clear soln., the mixt. cooled and acidified with 15% HCl gave a colorless ppt., which filtered off and extd. with C_6H_6 or ether gave 1.8 g. IV, colorless plates, m. 104-5°. IV boiled 30 min. with VI yielded V, m. 230-42°. IV boiled with III 4 hrs. remained unchanged. Z. Kurtyka

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SKOWRONSKA-SERAFINOWA, BARBARA.

Reactions of cyanoquinidine with aromatic amines. VII.
Reactions of arylamidinoureas with heterocyclic and secondary aromatic amines. Barbara Skowronska-Serafinowa and Tadeusz Urbanski (Instytut Technologii Organicznej II, Politech., Warsaw). Roczniki Chem. 30, 1189-98 (1956) (English summary); cf. C.A. 50, 5548. — PbNHCONHCl(-NH)NH₂HNO₃ (I) boiled with 2-aminopyridine (II) gave 50% 1-phenyl-3-(2-pyridyl)urea (III). ρ -O₂NC₆H₄NHCONHCl(-NH)NH₂HCl (IV.HCl) gave similarly at first 65% 1-(ρ -nitrophenyl)-3-(2-pyridyl)urea (V), and on prolonged boiling *sym*-dipyridylurea (VI) and ρ -nitroaniline. The reaction with II is therefore similar to that with PbNH₂. I boiled with PhNHMe (VII) gave 65% PhNHCONMePh (VIII). Prolonged boiling reduced the yield of VIII and gave carbamide (IX) and PhNH₂. IV boiled with VII gave 20% ρ -O₂NC₆H₄NHCONHPh (X) and a small amt. of (ρ -O₂NC₆H₄NH)₂CO (XI). These expts. indicate a difference of the reactions of I and its derivs. with primary and secondary aromatic amines. The 1st stage of reactions yielded in both cases analogous urea derivs. (III, V, VIII, and X). In the 2nd stage (on prolonged boiling), primary

amines gave *sym*- diarylureas deriving from the amine (VI), whereas secondary amines gave those deriving from the arylamidinourea (IX and XI). The free-radical mechanism is possible. A. Kreglewski

SLOPEK, S.; MORDARSKA, H.; MORDARSKI, M.; URBANSKI, T.; SKOWRONSKA-SERAFIN, B.; DABROWSKA, H.

On antineoplastic activity of some guanidine derivatives in
vitro. Bul Ac Pol chim. 6 no.6:355-359 '58. (EEAI 9:6)

1. Institute of Immunology and Experimental Therapy, Polish
Academy of Sciences. Institute of Organic synthesis (Warsaw),
Polish Academy of Sciences, Institut of Tuberculosis, Warsaw.

Presented by T.Urbanski.

(Guanidine) (Antigens and antibodies)
(Tumors) (Cells)

URBANSKI, Tadeusz; SKOWRONSKA-SERAFINOWA, Barbara; CHADZYNSKI, Grzegorz

Reactions of aromatic amines with cyanoguanidine. VIII. Reactions of
arylamidine ureas with amines. Rocznik chemii 33 no.6:1332-1341 '59.
(EEAI 9:9)

1. Katedra Technologii Organicznej II Politechniki, Warszawa i
Zaklad Syntezy Lekow Instytutu Gruzlicy, Warszawa.
(Amines) (Cyanoguanidine) (Aryl groups)
(Aromatic compounds) (Amidinurea)

URBANSKI, Tadeusz; SKOWRONSKA-SERAFINOWA, Barbara; ZYLOWSKI, Jerzy

Reactions of aromatic amines with syanoguanidine. IX. Naphthalamidine-urea and its reactions with amines. Rocznik chemii 33 no.6:1377-1382 '59.
(EEAI 9:9)

1. Katedra Technologii Organicznej II Politechniki, Warszawa i
Zaklad Syntezy Lekow Instytutu Gruzlicy, Warszawa.
(Cyanoguanidine) (Amines)
(Naphthylamidinourea) (Aromatic compounds)

URBANSKI, Tadeusz; SKOWRONSKA-SERAFINOWA, Barbara; MATUSIAK, Arkadiusz;
TYCZYNSKI, Adam; ZARUKIEWICZ, Maciej

Reactions of aromatic amines with syanoguanidine. X. Alkyl and
arylalkyl derivatives of amidinourea and their reactions with
amines. Rocznik chemii 33 no.6:1383-1388 '59. (EEAI 9:9)

1. Katedra Technologii Organicznej II Politechniki, Warszawa i Zaklad
Syntezy Lekow Instytutu Gruzdlicy, Warszawa.
(Amines) (Cyanoguanidine) (Alkyl Groups)
(Aryl groups) (Amidinourea) (Aromatic compounds)

CHIN, Y.Ch.; WU, Y.Y.; SKOWRONSKA-SERAFIN, B.; URBANSKI, T.; VENULET, J.;
JAKIMOWSKA, K.

Antimalarial properties of some derivatives of phenylamidineurea. Bul
chim PAN 8 no.3:109-112 '60. (EEAI 10:9/10)

1. Institute of Materia Medica, Academy of Medical Sciences, Peking,
Dept. of Organic Technology, Warsaw, Technical University and Drug
Research Institute, Warsaw. Presented by T. Urbanski.

(Antimalarials) (Phenylamidineurea)

621.314.2.045.03

✓ 4050. Temperature measurements on large trans-
former windings using a thermal model. E.
Skowroński. *Przegląd elektrotech.*, 31, No. 2-3,
205-10 (1955) In Polish.

✓ Description of a model of the author's design;
requirements for reducing the error are discussed.
Two methods of application of the model are
described. The method is given for determining the
thermal constants of a transformer. A. KARLSBAD

SKOWRONSKI, Edward

Computation of temperature-time characteristics for coil turn former. Przegl elektrotechn 37 no.12:503-506 '61.

1. Instytut Elektrotechniki, Zaklad Wysokich Napięć.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOWRONSKI, Edward

Protection of oil transformers against overheating with thermal models.
Przegl elektrotech 39 no.5:188-190 My '63.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

Skowroński, Janislaw; and Ziemba, Stefan. Some
complementary remarks on the delta method for deter-
mining phase trajectories of systems with strong non-
linearity. Arch. Mech. Stos. 10 (1958), 699-706. (Polish
and Russian summaries)

The differential equation is of the form

$$\ddot{x} + \omega^2 x + F(x, \dot{x}, t) = 0,$$

which is equivalent to $\dot{x} = \omega^2 y$, $\dot{y} = -(x + \delta)$ with $\delta = \omega^{-2} F(x, \dot{x}, t)$. Starting in the phase plane at the initial point $P_0 = (x_0, y_0)$, the trajectory is approximated by an arc of the circle of angle $\omega \Delta t$ from $(-\delta_0, 0)$ to P_0 where $\delta_0 = \omega^{-2} F(x_0, \dot{x}_0, t_0)$. This locates P_1 and the process is iterated. Two methods of checking are proposed. In the case of forced oscillations a correction which is said to be sometimes useful is suggested.

J. P. LaSalle (Baltimore, Md.)

RS

Some

Problems of Nonlinear Vibrations, Vol. 1

POL/4460

technical problems of vibration theory with the theory of dynamic systems has contributed to the rapid development of nonlinear vibration theory during the last decade. The main research activities in this field have been based on the development of adequate mathematical centers like the school of V.V. Nemytskiy and Krasnosel'skiy in the USSR. In Poland, the mathematical school of T. Wazewski is working in this field with very promising results. For several years a group of workers of the ZBD IPPT PAN (Zakład Badan Organ Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk (Department of Vibrations Study, Institute of Basic Technical Problems of the Polish Academy of Sciences) has conducted studies on two sets of problems: 1) the qualitative analysis and synthesis of the motion of mechanical systems of several degrees of freedom; and 2) the quantitative analysis of the motion of such systems by asymptotic methods. The papers of this collection are concerned chiefly with the first set. References and summaries in Russian and English are given at the end of each article.

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Ziemba, S. (Warsaw), Internal Friction Taking Plastic Microstrains Into Account	7
Card 2/4	

24.1400

1327, 1482, 153 also 2807

2017
P/033/61/013/001/002/009
D242/D301

AUTHOR: Skowroński, Janisław (Warsaw)

TITLE: The oscillatory property of the vibrations of the
strong non-linear discrete mechanical systems

PERIODICAL: Archiwum mechaniki stosowanej, v. 13, no. 1, 1961,
23-34

TEXT: The generalized model of elastic structure discussed in the work by J. Skowroński and S. Ziembra (Ref. 1: Certain Properties of Mechanical Models of Structures, Arch. Mech. Stos. 2, 11 (1959)) is used to consider the criteria for the oscillatory motion of a system of several degrees of freedom with arbitrary strongly non-linear damping and elastic characteristics and couplings, from the viewpoint adopted by G. Sansome and S. Ziembra (Ref. 10: Equazioni differenziali nel campo reale, Bologna 1949) and (Ref. 11: Free Vibration with Damping of Marked Nonlinear Character, Arch. Mech. Stos. 5, 9 (1957)) in more restricted cases. Writing the general equations of motion in the form

Card 1/3

The oscillatory property...

23519
P/033/61/013/001/002/009
D242/D301

2 figures and 14 references: 11 Soviet-bloc and 3 non-Soviet-bloc.

ASSOCIATION: Department of Vibrations, IBTP Polish Academy of Sciences

SUBMITTED: October 26, 1959

Card 3/3

S/124/62/000/012/001/009
D234/D308

AUTHORS: Skowroński, J. and Ziembra, S.

TITLE: Criteria of oscillation of some dynamic systems

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1962, 12,
abstract 12A65 (Proc. Vibrat. Probl. Polish Acad.
Sci., 1961, v. 2, no. 4, 441-455 (Eng., summaries
in Pol. and Rus.))

TEXT: The following definition is adopted: the dynamic system is called an oscillation system if one of the coordinates or velocities becomes zero at least once at a finite time instant not coinciding with the initial instant. The equations of motion are taken in the form $\ddot{q}_i + F_i(q_1, \dots, q_n, \dot{q}_1, \dots, \dot{q}_n) = 0$, $i = 1, \dots, n$, where F_i are functions satisfying the conditions of existence and uniqueness of solution for any $t > t_0$. Besides, it is assumed that all F_i are monotonically increasing and that not all initial values of their arguments are zero. They are represented as sums of dissipative and potential functions: $F_i = \Phi_i(q_1, \dots, q_n, \dot{q}_1, \dots, \dot{q}_n) +$

Card 1/2

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOWRONSKI, Janislaw; ZIEMBA, Stefan (Warszawa)

Quantitative studies on phase space trajectories of the motion
of strongly nonlinear mechanical systems by the delta method.
Zagad drgan nielin 3 93-172 '62.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOWROŃSKI, Józef M.; ZIENBA, Stefan

Remarks concerning the qualitative theory of nonlinear vibrations.
Archiw automat 8 no.1:115-124 '63.

I. Instytut Podstawowych Problemów Techniki, Zakład Badania Organów
Polska Akademia Nauk, Warszawa.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKOWRONSKI, Janislaw M.; ZIEMBA, Stefan

Nonlinear vibrations; Second International Conference in Warsaw,
September 18-20, 1962. Nauka polska 11 no.2:107-110 Mr-Ap
'63.

1. Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk,
Warsaw.

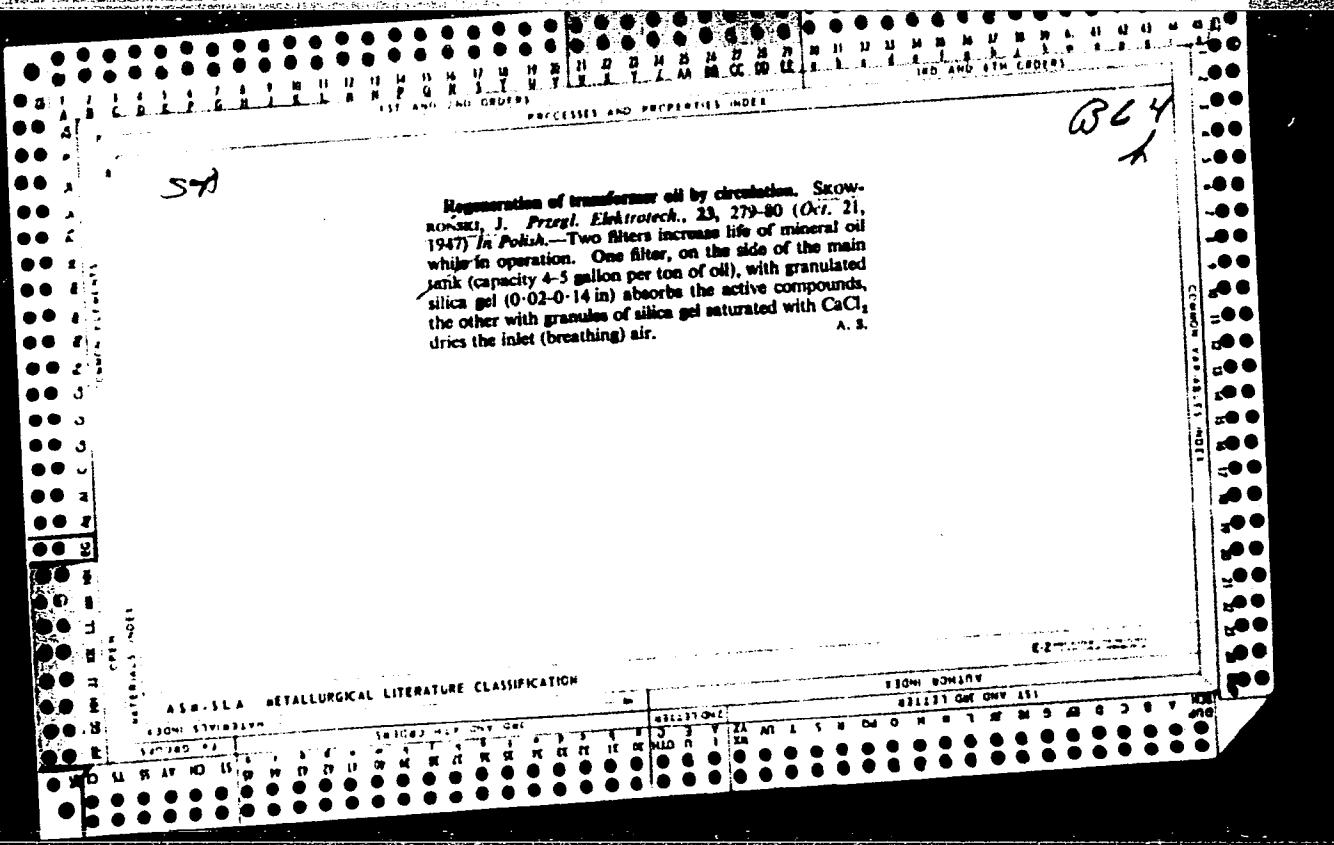
SKOWRONSKI, J.

"Electric insulating materials in high-voltage engineering" by
A. Imhof. Reviewed by J. Skowronski. Przegl elektrotech 40
no.3:150-151 Mr'64

SKOWRONSKI, Janislaw M.

Character of motion of the strongly nonlinear mechanical systems.
Zagad drgan nielin no.4:5-52 '62.

1. Department of Vibrations of the Institute of Basic Technical
Problems of the Polish Academy of Sciences, Warsaw. Submitted
September 8, 1961.



SA

B 64
i

621.315.624.4 : 621.3015.5
2158. The causes of puncture in suspension type
insulators. J. SKOWROŃSKI. *Przegl. Elektrotech.*, 26,
435-44 (Nov., 1930) *in part*.

Investigation of several makes of single cap suspension-type porcelain insulators has disclosed that damage occurs under excessive concentration of mechanical stress. Such stresses occur at the joint between metal pin and the ceramic part of the insulator, and are due to faulty design, fitting or material (e.g. swelling cement). Porcelain does not appear to age, and its electrical and mechanical properties are not decisive. An incomplete puncture (fall in resistance) and increase in power loss occurs in insulators with a hair crack of a purely mechanical nature.

1.112.82.100

1.1.1.4 METALLURGICAL LITERATURE CLASSIFICATION

83344 83344 833
83344 83344 833

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKOWROŃSKI, J. I.

B 64

h

621.315.612.2

-2148. Restriction of the application of glazing to
electrical porcelain. J. I. Skowroński. Przegl.
Elektrotech., 26, 432-4 (Nov, 1950) In Polish.

For reasons of economy and to increase productivity many small electrical ceramic components in Poland are no longer to be glazed, and in fuses, switches and plugs a special smooth-surfaced ceramic will be used. Glazing of the base, on which the pin-type insulator rests during the firing process, has little effect electrically and hence can be dispensed with to increase the rate of production. J. LUKASZEWICZ

MASSILA METALLURGICAL LIBRARY CLASSIFICATION

SKOWRONSKI, J.

"Need and possibilities of extended domestic production of glass insulators",
p. 74, (SZKLO I CERAMIKA, Vol. 4, No. 3, Mar. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EHAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

v 119. Skowronski, J., Linear damping of a single impulse by a nonlinear shock-absorbing system (in Polish), *Rozpr. Inżyn.* 6, 1, 121-141, 1958.

A motor car with its springs and pneumatic tires represents a complicated vibrating system. A computation of such a system is difficult in view of a considerable number of degrees of freedom and the requirements concerning the accuracy of calculation. The author has chosen the most important part of the problem of motor car vibration, limiting the considerations to a system of one degree of freedom with one wheel, a linear damping element and a nonlinear elastic element. The paper is intended to furnish practical directions for designers. It contains an analysis of the requirements and a description of several computation methods:

(1) the method of expansion in series; (2) Picard's approximation method; and (3) Lienard's graphical method.

Unfortunately, author did not furnish a more practical example of application of these methods to encourage the designers by providing a comparison between the methods and facilitating the choice of one.

K. Wolski, Poland

SP

119

ACC N^o: AP6032307

0

Boguchwala. The authors thank the managements of these plants and the Cable and Electric Engineering Equipment Union for their collaboration in making prototypes and an experimental lot of the insulator, thus speeding up results. Orig. art. has: 9 figures and 1 table. [Based on authors' abstract] [DR]

SUB CODE: 09, 13/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 004/

awm
Card 2/2

P/019/62/011/033/007/008
D239/D308

Mechanism of bridge formation ...

The gravitational and friction force are taken into account and an equation for the velocity of a particle is derived and extended to the case of a charged particle. The results are applied to an uncharged suspension in the field of two point charges q and $-q$. The arrangement of two spherical electrodes as used in the spark gap for testing insulating oil is approximated by replacing the spheres by equipotential surfaces of the field of two point charges. The potential, velocities and paths of the suspension particles are computed assuming the electrode radii to be 0.625 cm and the distance between the centers 1.55 cm (as in PNE), placed in oil having relative dielectric constant 2.4, viscosity 0.33 g/cm sec at 20°C and density 0.9 g/cm³. Diagrams of the boundary of sweep-out domain (in the plane of symmetry of the electrodes) are given for different values of the parameter C , which in this case is $0.1183 u^2 \omega$; u is the potential difference and $\omega = 3(\epsilon_a - \epsilon_c)^{1/2} c / (2\epsilon_c + \epsilon_a)(\gamma_a - \gamma_c)$, ϵ_a, ϵ_c being the dielectric constant and density of the liquid, γ_a, γ_c those of the suspension. If $C > 4.5$ there is no sweep-out domain. The paths of the particles and the domain limits do not

Card 2/4

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOWROŃSKI, J.M.

Local limit steady state for general mechanical lumped systems.
Bul Ac Pol techn 12 no.8-571-578 '64.

1. Department of Vibrations of the Institute of Basic Technical
Problems of the Polish Academy of Sciences, Warsaw. Presented
by S. Ziembka.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKOWRONSKI, M.

"A Device for Easier Trussing." P. 588, (SKRZYDLATA POLSKA, Vol. 10, No. 37,
Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

SKOLIMOWSKI, W.

Take pictures of your own models !

P. 15. (SKRZYDLATA POLSKA) (Warsawa, Poland) Vol. 14, no. 6, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5
1958

SKOWRONSKI, R.

COUNTRY : Poland

CATEGORY :

REF ID: A651120010-4

ABSTRACT JOUR. : REKhia., No. 20 1959, No. 71439

AUTHOR : Chrzaszczewska, A; Bielawski, B; Skowronski, R;*

INST. : Not given.

TITLE : Chemistry of N-Halogen Amides. VIII
N-Dibromoamide of p-Azobenzenesulfonic Acid
and N-bromo-p-azobenzenesulfonamide Salts of
Mono- and Bivalent Metals

CRIT. PUB. : Soc. scient. Lodz. acta chim., 1958, 3, 79-85

ABSTRACT : Salts of N-bromo-p-azobenzene sulfamide
(I bromoamide) were obtained from p-azobenzo-
sulfamide (II) or from N-dibromo-II (III).
0.75 moles of azobenzene were added to 6.75
moles ClSO_3H at 25-30° during 30 minutes.
After 4 hours at 100°C the mixture was
cooled and poured onto ice. In such a manner
p-azobenzene sulfochloride was obtained
90% yield, m.p. 124-125° (from CCl_4), which
when warmed for 5 hours at 40-60°C with 25%
of eq. solution of NH_3 yielded II, m.p.
224-225°. Into a solution of 0.025 moles

CARD: 1/5

* Slowinski, J; Ungier, M.

COUNTRY	:	Poland	G-2
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 20 1959, No.	71439
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	with IV). Into a hot solution of 0.019 mole II in aq. KOH was added a suspension of 0.8 g Ca(OH) ₂ in 15 ml of water. The residue was separated and mixed with a suspension of 0.8 ₃ Ca(OH) ₂ in 42 ml of H ₂ O and after 1 hour 0.02 moles Br ₂ were added (30-35°). After 3 hours 5 g of Ca-salt of I were separated. The above salt may be obtained from II, III and CaO (3 hours, 35-40°) or from the reaction between CaCl ₂ or Ca(OH) ₂ and IV at 50°. In a similar manner, upon the addition of an aq. solution	
CARD:	4/5		

19

SKOWRONSKI, Stanislaw

The Lublin automobile Transport Plant increase and modernize their production. Pt. 2. Przegl techn no.38:4-5 21 S '60

SKOWRONSKI, Stanislaw

Postgraduate studies are a necessary condition for technical progress.
Horyz techn 16 no.3:3-5 '63.

Dr. MICHAŁ, Stefan; WŁODZISŁAW, Maria

Five-year results and analysis of failures in radiotherapy of cervical cancer grade I according to data of the Lublin Regional Oncological Center during the period of 1953-1957, Nowotwory U. no.3c:83-286 Ag-3 164

1. Z Wojewódzkiego Szpitala Onkologicznego w Poznaniu (Prekтор dr. med. S. Skowroński).

SKOWRONSKA, Irena; SKOWRONSKI, Stefan; PATER, Aniela; WOZNA, Hanna

Evaluation of the clinical use of endorcan in malignant tumors.
Nowotwory 13 no.3:267-274 Jl-S'63.

1. Z Wojewodzkiego Ośrodku Onkologicznego w Poznaniu; dyrektor: dr. med. S.Skowronski.

*

JACH, Krzysztof; SKOWRONSKI, Stefan

Devices protecting from ionizing radiations in gynecological
radium clinics. Nowotwory 14 no.3:305-309 Ag-S '64

1. Z Wojewódzkiego Ośrodka Onkologicznego w Poznaniu (Dyrektor:
dr. med. S. Skowronski).

RECORDED IN THE U.S. GOVERNMENT LIBRARIES
BY THE NATIONAL TECHNICAL INFORMATION SERVICE

RESULTS OF CYCLOPHOSPHAMIDE THERAPY NURSES FOR ASTHMA AND RELATED
RESPIRATORY DISEASES OF PERSISTENT PARASITIC TUMORS VERTIFIED AFTER
THERAPY IN VETERINARY HOSPITAL, NEW YORK, NY, APRIL 1969-JULY 1964.

RESULTS OF CYCLOPHOSPHAMIDE THERAPY NURSES FOR ASTHMA AND RELATED
RESPIRATORY DISEASES OF PERSISTENT PARASITIC TUMORS VERTIFIED AFTER
THERAPY IN VETERINARY HOSPITAL, NEW YORK, NY, APRIL 1969-JULY 1964.

SKOWRONSKI, Tadeusz.

Pathologic changes in the mesentery of the appendix in acute appendicitis. Polski przegl. chir. 27 no.11:1099-1106 Nov 55.

1. w II Kliniki Chirurgicznej A.M. w Poznaniu. Kierownik:
prof. dr. S. Nowicki. Dlugi 1.-11. Klinika Chirurgiczna A.M.

(APPENDICITIS, compl.

pathol. changes of mesentery)

(MESENTERIES, dis.

pathol. changes of appendical mesentery in appendix)

R. Hoppe, Lublin, Poland
SURNAME, Given Names

Country: Poland

Academic Degrees:

Obstetrical Clinic of the Veterinary Department of the SGGW /Abbreviation
(Klinika Poloznicza, Wydzial Weterynaryjny SGGW /Abbreviation

Affiliation:

not identified/); Director (Kierownik): Prof Dr Roman Hoppe

Source:

Lublin, Nedycyna Weterynaryjna, Vol XVII, No 10, October 1961,

pp 601-603

"Observations of the Treatment of Bulls Infected with Vibrio fetus."

Data:

Authors:

HOPPE, R, Prof Dr
RYNIEWICZ, Z, [Academic Degrees not given]
MARKOWSKI, A, [Academic Degrees not given]
SKOWRONSKI, Z, [Academic Degrees not given]

14
GPO 981643

HOPPE, Roman, prof. dr.; RYNIEWICZ, Zofia; MARKOWSKI, Aleksander; SKOWRONSKI,
Zygmunt

Cattle vibriosis in the central voivodeships of Poland. Zeszyty
problemowe post nauk roln no.31:85-88 '61.

1. Klinika Poloznicza, Wydzial Weterynaryjny, Szkola Glogna Gospodarstwa
Wiejskiego, Warszawa oraz Laboratorium Maukowo-Badawcze Zakladu
Unasieniania, Pruszkow. Kierownik: prof. dr. R. Hoppe

[POLAND]

HOPPE, R., WATRZICZ, Z., and SKOWRONSKI, Z., Chair of Obstetrics and Pathology of Reproduction (Katedra Położnictwa i Parcielacji Rozrodu), Veterinary Division (Wydział Weterynarii), SGGW [Szkoła Główna Gospodarstwa Wiejskiego, Main School of Rural Economy] in Warsaw (Director: Prof. Dr. Roman HOPPE)

"Factors Affecting Bacteriological Diagnosis of Vibrio Fetus Infection in Bulls."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 2, Feb 63, pp 100-106.

Abstract: [Authors' English summary modified] Authors report on investigations to obtain a method for the determination of the bacteria in view of interfering overgrowths, best methods for preparing preputial washings, and findings that the latter are a better material for the determination of infection than the semen material. There are 11 references, of which 4 are Polish, one Russian, and 3 each German and English.

1/1

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOWROŃSKI, Zdzisław

Remarks concerning disability certification. Zdrow. publiczne 1/2:
25-28 Ja-F '65.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

POGREBNOY, YE. D., and SKOYARSKIY, O. M.

"The Movement of Cyclones From the Balkan Peninsula to the European Territory of the USSR,"
Meteorol. i gidrologiya, No 1, pp 25-26, 1954

The movement of cyclones to the European territory of the USSR takes place during the presence of a surface cyclone over the Balkans or Mediterranean Sea when any of the following prevails over southern and southwestern European USSR: 70 km/hour winds from the southwest with small angles of advection; southerly or southwesterly winds accompanied by the advection of heat; unstable air currents at the beginning of the development of the cyclone. (RZhGeol, No 2, 1955)

SO: Sum, No 606, 5 Aug 55

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKOYELTSN, D. V.

"The Nature of Cosmic Rays," Young People's Technology USSR, No. 4, 1950.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

Cand. Tech. Sci.

SKLETOV, V. I., 1941.

Dissertation: "System of Underground Mining of the Steeply Dipping Beds of Coaliferous Shale." Inst. of Mining, Acad. Sci. USSR, 15 Apr 47.

SC: Vechernaya Maly, Apr, 1947 (Project #37030)

NESTERENKO, G.T., kand.tekhn.nauk; SKOZOBTSOV, B.S., gornyy inzh.
Method of fixing datum marks without making boreholes. Gor. zhur.
no.12:50-51 D '60. (MIRA 13:12)
1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut,
Leningrad. (Mine surveying)

NESTERENKO, G.T., kand. tekhn. nauk; SKOZOBTSOV, B.S., inzh.; MIKHEYEV, V.P.,
inzh.; TILICHENKO, A.M.

Effect of the angle of incidence on the stability of the exposed
roof of chambers. Gor. zhur. no. 12:59-62 D '65.

(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut,
Leningrad (for Nesterenko, Skozobtsov, Mikheyev). 2. Kombinat
Achpolimstall, g. Kentau (for Tilichenko).

SKRIBAK, M.

Problem of establishing a scientific research institute for cellulose-paper machinery at the Slovak Technical University in Bratislava. p. 620.
TECHNICKA PRACA, Bratislava, Vol. 6, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

SKFARAK, M.

"Synchronized multimotor electric drive of a paper-mill machine." p. 29.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 7, No. 1, 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 6, No. 6,
August 1959.
Uncla.

SKRABAK, M.

Austrian wood pulp and paper industry. p. 106.
(PAPIR A CELULOSA, vol. 10, no. 5, May 1955, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4,
No. 11, Nov. 1955, Uncl.

~~SEARCHED~~ ~~INDEXED~~ ~~M~~

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Part 4 - Cellulose and Its Deriva-
tives, Paper.

H-32

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13253.

Author : Michal Skrabak

Inst : Not given.

Title : New Milling Aggregate - Supranator.

Orig Pub : Papir a cellulosa, 1955, 10, No 8, 151 - 153.

Abstract : The scheme, arrangement and work of an equipment for
milling cellulose mass are presented and described. The
supranator works at a mass concentration of 1.8 to 8%, its
productivity is 500 to 4,000 kg per hour, its rate is 3,000
to 4,000 rev. per min, and its power consumption is 1 to
1.3 kw.hours per 100 kg of dry substance (a roller re-

Card 1/2

YUDIN, I.

Combustion of lives under wet conditions in the light of recent technical achievements. p. 145.

Vol. 10, no. 3, Sept. 1955

PAPEK A. CHALUPA

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress

Vol. 5, No. 3, August 1956

COMPUTY	:	Czechoslovakia	H-12
CATEGORY	:		
ADS. JOUR.	:	RZKhim, No. 5 1960, No.	20435
AUTHOR	:	Sirasek, M.	
INST.	:	Not given	
TITLE	:	New Methods for Calculating the Power Consumption of Disk-type Refiners	
ORIG. PUB.	:	Papir a Celul, 14, No 5, 129-149 (1959)	
ABSTRACT	:	A comparison is made of new methods for calculating the power consumption of disk-type refiners with standard methods, developed for the calculation of the power consumption of roller and conical mills. The results of the calculations carried out by both methods have been experimentally verified by the author who measured the power consumption of a pilot plant refiner of his own design. In the interest of reducing the power consumption, the author recommends the application of disks of	
CARD:	1/2	411	"

CATEGORY	:		
ADS. JOUR.	:	No. 5 1960, No.	20435

CA

SKRABAL, A.

2

Baur kinetics. A. Skrabal. *Moschi*, 82, 107-13
(1951). The Baur method (cf. C.A. 40, 4030^b) of presenting reaction kinetics by plotting rate against a thermodynamic parameter measuring distance from equil. leads to the misleading appearance of regions of zero reaction rate and the prediction that some equilibria cannot be approached from either side, especially in the case of autocatalytic reactions. These discontinuities are only apparent.
J. R. Leffler

ea SKRABAL, A.

2

Chemical simultaneous systems: A reply to B. Abel. A.
Skrabal. Monatsh. 82, 812-8(1951).—Polemical Reply.
B. Abel. Monatsh. 82, 840(1951). J. K. Letter

Skrabal, B.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Natural and Synthetic
Caoutchouc. Rubber.

H-31

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59439
Author : Skrabal Bernard, Rosik Ladislav
Inst :
Title : Influence of Regulators in the Process of Copolymeriza-
tion of Butadiene and Styrol.
Orig Pub : Chem. prumysl, 1958, 8, No 1, 46-50

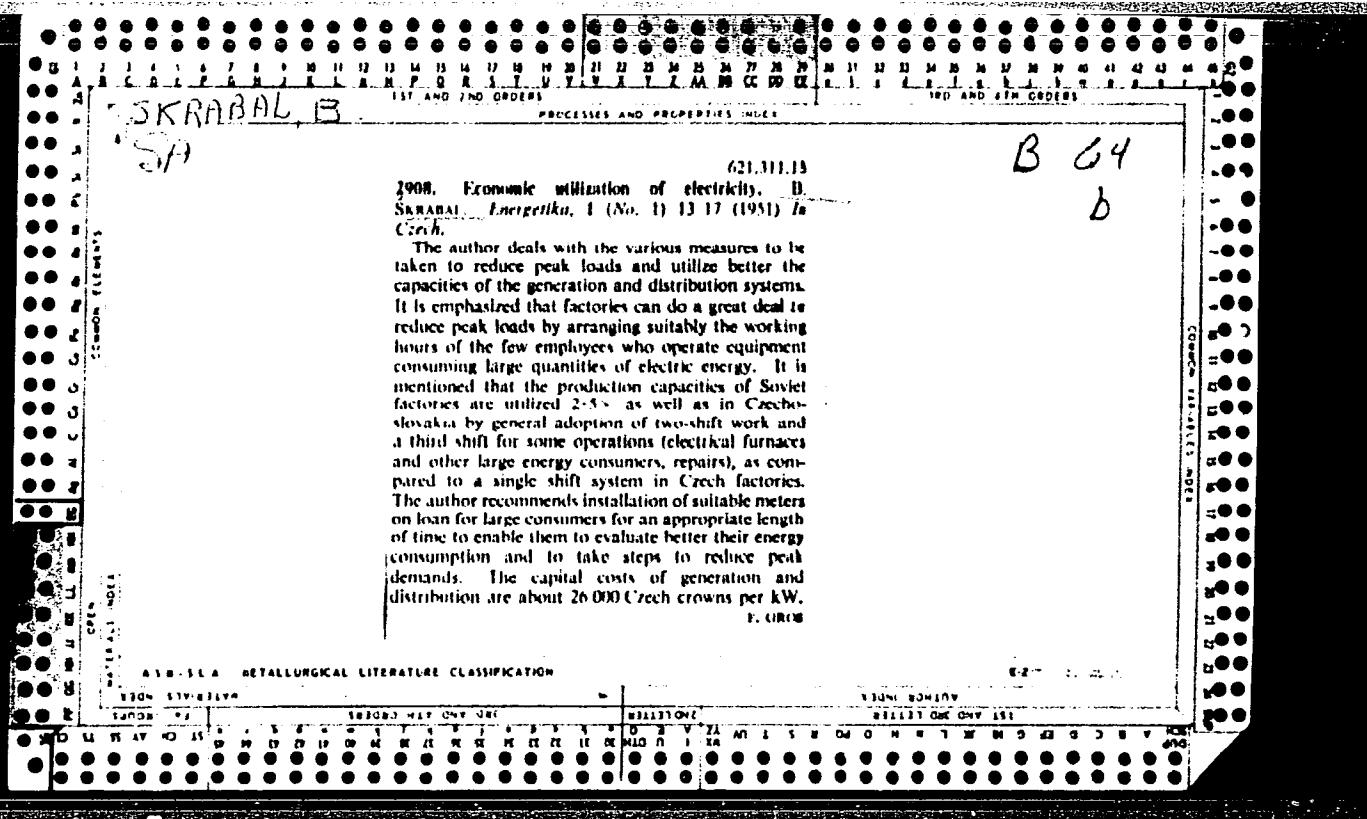
Abstract : The influence was studied of different quantities of
diisopropylxanthogendisulfide (I), diethylxanthogendi-
sulfide (II) and tret-dodecymercaptane (III) in the
process of copolymerization of butadiene with styrol,
according to the prescription of the CKC-30A extracted.
With a decrease of the quantity of free I and II, the
size () grows. Constants are enumerated for the
transfer of I (3.4) and II (7.0), and the advantage of

Card 1/2

- 98 -

1 1
6
4E2c (j)
ZgJ.(NB)
J.S.

Distribution of molecular weights of butadiene-styrene copolymers. Ladislav Rosk and Bernard Skrabal (VUSK, Gottwaldov, Czech.). *Chem. průmysl* 9, 377-BR (1959).—The influence of Diperoxide (I) on the mol. wt. distribution in the course of emulsion copolymerization⁷ of butadiene with styrene was studied at 0–0.4% I. After 60% conversion the emulsion was stabilized with phenyl-2-naphthylamine (II). For fractionations the copolymer was coagulated with iso-PrOH, washed with MeOH + 0.5% II, and dissolved in toluene or CHCl₃. To the resulting 0.5% soln. of the copolymer the iso-PrOH was added dropwise at 30°, and when the coagulation point was reached, the azeotropic mixt. iso-PrOH + toluene or CHCl₃ was removed at lowered pressure till the desired turbidity appeared, the latter being removed by raising the temp. (32–6°), and then the soln. being cooled slowly to 30°; in this way 9–14 fractions were obtained. The isolated fraction was dissolved in toluene, and after evapn. of iso-PrOH + CHCl₃ at 40°/vacuum, the intrinsic viscosity ($[\eta]$) was detd.; the 1st fractions of copolymer prep'd. with 0.02% I always contg. some microgel. The Defo-plasticity and $[\eta]$ of copolymer decrease with increasing I. At low concns. of I (<0.02%) the distribution is very broad, fractions of $[\eta] < 1$ being absent; with increasing amts. of I (up to 0.3%) the distribution becomes narrower, the processibility better, but the mech. properties decrease. By using the apparent transfer const. (c') the values of M_n , M_w and the theoretical distributions were calcd.; from a log plot the consts. in $[\eta] = KM^{\alpha}$ were found for copolymer prep'd. with 0.1 and 0.3% I, resp. ($K = 1.72$ (2.09 resp.) $\times 10^{-4}$; $\alpha = 0.74$, 0.75 resp.), the exptl. estd. distribution being in good agreement with the calcd. one. If c' , conversion, and concn. of I are known, the distribution can be calcd. J. Sebenda



SIRKAL, R.

"Czechoslovak standard 34 1100 concerning rural electric lines."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 4, April 1959.

Monthly List of East European Accessions (EE AI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

S/081/62/000/022/069/088
B166/B144

AUTHORS: Lániček, Dušan, Skrabal, Bernard, Dvořák, Emil

TITLE: Emulsion polymerization of vinyl monomers and mixtures of these in an acid medium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 519, abstract 22P290 (Czech. patent 97902, Jan. 15, 1961)

TEXT: Emulsion polymerization of butadiene, styrene, acrylonitrile, mixtures of these, or these monomers together with methacrylic acid, is carried out between -5 and +15°C (preferably +5°C) in the presence of a cation-active emulsifier or inorganic acid, organic acid (or a mixture of these) and suitable buffers. The redox initiator system consists of isopropyl benzene hydroperoxide, sodium formaldehyde sulfoxylate (Rongalite C) and soluble Fe²⁺ salt. Apart from the fact that the initiators are readily available, the advantage of the method lies in a high degree of conversion being achieved in a short time and the consequent possibility of producing concentrated latexes directly in the reactor. Example. 100 parts by weight

Card 1/2

Emulsion polymerization of vinyl ...

S/081/62/000/022/069/088
B166/B144

styrene and 1.4 parts by weight methacrylic acid are polymerized at 5°C and pH 4 in the presence of 159 parts by weight water, 3.58 parts by weight sodium diisopropyl naphthalene sulfonate, 0.08 parts by weight sodium formaldehyde sulfoxylate, 0.008 parts by weight Fe²⁺ salt and 0.159 parts by weight diisopropyl benzene hydroperoxide. In 3 hrs the conversion reaches 80%. [Abstracter's note: Complete translation.]

Card 2/2

KASparec, K.; SKRABAL, H.

Treatment of typhoid fever with chloramphenicol. Lek.listy, Brno 6
no.17-18:513-515 1 Sept 51. (CIML 21:4)

1. Of the First Clinic of Internal Diseases (Head--Prof. Josef Blatny,
M.D.) of Palacky University and Internal Department (Head--Hubert
Skrabal, M.D.) of State District Hospital in Prostejov.

SKRABAL, J.

Peripheral nerve injuries in luxation of the arm. Acta chir.
orthop. traum. czech. 30 no.2:107-114 Ap '63.

J. Ortopedicke oddeleni OUNZ ve Frydku-Mistku, vedouci MUDr.
J. Strelec Ortopedicke oddeleni OUNZ v Karvina, vedouci MUDr.
J. Jarabac.

(PERIPHERAL NERVE DISEASE) (ARM INJURIES)
(DISLOCATIONS)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKRABAL, J.; KLUZAK, R.

Dyschondroplasia with vascular anomalies (Maffucci's syndrome).
Acta chir. orthop. traum. czech. 31 no.6:510-517 B'64

L. Ortopedické oddelení (vedoucí MUDr. J.Skrabal), oddelení
plastické chirurgie pro Severomoravský kraj (vedoucí MUDr.
R.Kluzák, CSc.) nemocnice s poliklinikou v Trinci.

SKRABAL, Milan

Raising the performance of sand-slingers. Slevarenstvi
10 no. 9:336-338 S '62.

1. Zavody V.I. Lenina, vyzkum slevarenskych stroju, Brno.

SKRABAL, Miroslav R.

CZECHOSLOVAKIA/Chemical Technology, Chemical Products and
Their Application, Part 3. - Carbohydrates and
Their Treatment.

H-26

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34108.

Author : Miroslav Skrabal.

Inst : Not given.

Title : Technical Improvement of Sugar Factory Equipment.

Orig Pub: Prumysl potravin, 1957, 8, No 8, 425-430.

Abstract: Review of improvements of sugar industry equipment manufactured in Czechoslovakia, the improvements being in the region of work mechanization at sugar beet and finished products storage, vacuum-filter filtration, automatic centrifuges, continuously working diffusion batteries, evaporating installa-

Card : 1/2

Their Application, Part 3. - Carbohydrates and
Their Treatment.

SKRABAL, Miroslav, inz.

Sugar cane refinery for Cambodia. Tech praca 14 no.12:1017-1022
D '62.

1. Zavody Vitezneho unora, n.p., Hradec Kralove.

SKRABAL Miroslav

Outlook for material consumption reduction in making machinery
equipment for sugar mills. Listy cukrovar 79 no.11:298-290 N'63.

87

28

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKRABAL, Miroslav

New types of cooling crystallizers. Listy cukrovar 80 no. 1:
15-17 Ja '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKRABAL, Miroslav

Drying leached sugar beet cossettes in Skoda driers. Listy
cukrovar 80 no.5:113-120 My '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKRABAL, V., MUDr.

Importance of expert testimony service in a faculty hospital.
Cesk. zdrav. 11 no.12:532-535 D'63.

1. Posudkove oddeleni ~~OUNZ~~, Olomouc.

SKAEL, Z.

SKAEL, Z. Shaping machinery. II. Exhibition of the Czechoslovak machinery industry. p. 346, Vol 4, no 8, Aug. 1956 STROJIRENSKA VYDRA Praha, Czechoslovakia

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

PIFKA, Miroslav; SKRABANEK, Jaroslav

Grinding of twisted surfaces and convergent surfaces.
Stroj vyr 10 no.8:408-409 '62.

1. Zavody Rijnove revoluce, Vsetin.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4

SKRABELINSKIY, N.V., inzhener.

Machine for the testing of bending in flat objects. [Trudy] TSNIITMASH
no.63:201-207 '54.
(Flexure) (Steel--Testing) (MIRA 7:9)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001651120010-4"

SKRABALO, Zdenko, Dr.; KELER, Mira, Mr., ph.

Hemoglobin forms. Med. glasn. 10 no.8:325-331 Aug 56.

1. Interna klinika Medicinskog fakultetu u Zagrebu (predstojnik
prof. A. Hahn).
(HEMOGLOBIN,
pathol. molecular forms, properties & determ. (Ser))

SKRABALO, Z., dr.; SMERDEL, S., dr.

Ambulatory diagnosis and therapy of hyperthyroidism. Med. glasn. 15
no. 7/8:300-305 Jl-Ag '61.

1. Interni odjel Bolnice "Dr O. Novosel", Klinicki odjel Medicinskog
fakulteta u Zagrebu (Predstojnik: prof. dr E. Hauptmann).

(HYPERTHYROIDISM)

SKRABALO, Zdenko, dr.; CREPINKO, Inga, dr.; GRGIC, Zvonimir, dr.; HAUPTMANN,
Erik, dr.

Use of aspiration cyto-diagnosis in diseases of the thyroid gland.
Lijecn. vjesn. 83 no.10:1035-1042 '61.

1. Iz Internog odjela Bolnice "Dra O. Novosela", Interne klinike Medi-
cinskog fakulteta Sveucilista u Zagrebu, i Centralnog medicinsko-
kemijskog laboratorija grada Zagreba.

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